

Amendments to the Claims:

Please cancel claims 1-5 and add new claims 6-11. This listing of claims will replace all prior versions, and listings, of claims in the application.

1-5. (canceled)

6. (new) A kind of outer magnetic circuit bias magnetic type reluctance motor with permanent magnets, wherein it is consisting of supporting housing (1), stator (2), rotor and permanent magnet body (3), wherein the stator is formed by at least one pair of independent structures, a permanent magnets (3) is arranged between the supporting housing (1) made of magnetic conductive material and the stator (2) or in the middle of magnetic path formed by the supporting housing.

7. (new) The outer magnetic bias magnetic type reluctance motor with permanent magnets, wherein at least a pair of stators get together in circumferential direction to form inner cylinder or outer cylinder air gap space and to match with cylinder shaped inner rotor or outer rotor.

8. (new) The outer magnetic circuit bias magnetic type reluctance motor with permanent magnets according to claim 6, wherein the inner and outer stator (2) in pair match in the radial direction to form double air gap space to match with cup-shaped rotor.

9. (new) The outer magnetic circuit bias magnetic type rebalance motor with permanent magnets according to claim 6, wherein the paired stators (2) have the disk-shaped end face, the two stators match in axial direction to form double air gap space to match disk-shaped rotor.

10. (new) The outer magnetic circuit bias magnetic type reluctance motor with permanent magnets according to claim 6, wherein the paired stators have the planer shape, two or four stators of them match to form double face or four face air gap space to match with double face rack shaped slider or four face rack shaped slider.

11. (new) The outer magnetic circuit bias magnetic type reluctance motor with permanent magnets according to claim 6, wherein permanent magnet (3) can be replaced by electromagnet constituted of lateral winding.